Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031022\
Data File : BM034207.D
Acq On : 10 Mar 2022 19:21
Operator : CG/JU
Sample : SSTD02048
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
SSTD020048

**Manual Integrations APPROVED**

Reviewed By :Jagrut Upadhyay 03/11/2022
Supervised By :mohammad ahmed 03/14/2022

Quant Time: Mar 11 00:26:54 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM031022.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 11 00:23:33 2022
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.954 | 152 | 179899 | 20.000 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 10.766 | 136 | 707088 | 20.000 | ng/ul | 0.00 |
| 38) Acenaphthene-d10 | 14.595 | 164 | 457812 | 20.000 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.336 | 188 | 950325 | 20.000 | ng/ul | 0.00 |
| 79) Chrysene-d12 | 21.500 | 240 | 1002620 | 20.000 | ng/ul | 0.00 |
| 88) Perylene-d12 | 23.924 | 264 | 1074527 | 20.000 | ng/ul | 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.325 | 96 | 32126 | 8.213 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 3.743 | 84 | 186761 | 16.403 | ng/ul | 0.00 |
| 7) Phenol-d5 | 7.107 | 99 | 225942 | 16.029 | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)eth... | 7.278 | 67 | 137790 | 18.161 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 7.484 | 132 | 215679 | 18.458 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 8.660 | 113 | 198592 | 16.814 | ng/ul | 0.00 |
| 21) Nitrobenzene-d5 | 9.113 | 128 | 101386 | 18.506 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 9.842 | 143 | 112163 | 18.850 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 10.383 | 165 | 226595 | 18.466 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4 | 10.895 | 131 | 266250 | 15.881 | ng/ul | 0.00 |
| 46) Dimethylphthalate-d6 | 14.001 | 166 | 666532 | 19.186 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8 | 14.289 | 160 | 846070 | 19.476 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 14.771 | 143 | 99360m | 15.371 | ng/ul | 0.00 |
| 60) Fluorene-d10 | 15.583 | 176 | 576384 | 18.642 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylph... | 15.695 | 200 | 110764 | 18.061 | ng/ul | 0.00 |
| 73) Anthracene-d10 | 17.430 | 188 | 886950 | 18.947 | ng/ul | 0.00 |
| 81) Pyrene-d10 | 19.718 | 212 | 1048735 | 19.029 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 23.765 | 264 | 1065188 | 18.687 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.360 | 88 | 31482 | 7.435 | ng/uL | 100 |
| 5) Pyridine | 3.766 | 79 | 196953 | 17.109 | ng/ul | 100 |
| 6) Benzaldehyde | 7.084 | 77 | 153290 | 21.189 | ng/ul | 100 |
| 8) Phenol | 7.131 | 94 | 223916 | 15.704 | ng/ul | 100 |
| 10) Bis(2-Chloroethyl)ether | 7.366 | 93 | 191822 | 17.336 | ng/ul | 100 |
| 12) 2-Chlorophenol | 7.513 | 128 | 214095 | 17.738 | ng/ul | 100 |
| 13) 2-Methylphenol | 8.395 | 108 | 182079 | 16.378 | ng/ul | 100 |
| 14) 2,2'-oxybis(1-Chloropr... | 8.489 | 45 | 180244 | 18.352 | ng/ul | 100 |
| 16) Acetophenone | 8.778 | 105 | 314373 | 16.894 | ng/ul | 100 |
| 17) N-Nitroso-di-n-propyla... | 8.766 | 70 | 152403 | 17.928 | ng/ul | 100 |
| 18) 4-Methylphenol | 8.725 | 108 | 196370 | 16.172 | ng/ul | 100 |
| 19) Hexachloroethane | 9.042 | 117 | 94028 | 18.944 | ng/ul | 100 |
| 22) Nitrobenzene | 9.154 | 77 | 221778 | 17.901 | ng/ul | 100 |
| 23) Isophorone | 9.689 | 82 | 413217 | 18.499 | ng/ul | 100 |
| 25) 2-Nitrophenol | 9.872 | 139 | 116942 | 18.035 | ng/ul | 100 |
| 26) 2,4-Dimethylphenol | 9.936 | 107 | 236657 | 18.045 | ng/ul | 100 |
| 27) Bis(2-Chloroethoxy)met... | 10.172 | 93 | 254125 | 18.147 | ng/ul | 100 |
| 29) 2,4-Dichlorophenol | 10.407 | 162 | 217465 | 17.931 | ng/ul | 100 |
| 30) Naphthalene | 10.819 | 128 | 689090 | 18.202 | ng/ul | 100 |
| 32) 4-Chloroaniline | 10.919 | 127 | 261987 | 15.345 | ng/ul | 100 |
| 33) Hexachlorobutadiene | 11.113 | 225 | 176438 | 19.103 | ng/ul | 100 |
| 34) Caprolactam | 11.677 | 113 | 59172m | 16.214 | ng/ul | |
| 35) 4-Chloro-3-methylphenol | 12.042 | 107 | 205971 | 17.381 | ng/ul | 100 |
| 36) 2-Methylnaphthalene | 12.424 | 142 | 478908 | 17.638 | ng/ul | 100 |

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| | Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 37) | 1-Methylnaphthalene | 12.648 | 142 | 486708 | 17.495 | ng/ul | 100 |
| 39) | 1,2,4,5-Tetrachloroben... | 12.795 | 216 | 309241 | 19.337 | ng/ul | 100 |
| 40) | Hexachlorocyclopentadiene | 12.783 | 237 | 210192 | 19.468 | ng/ul | 100 |
| 41) | 2,4,6-Trichlorophenol | 13.030 | 196 | 186745 | 19.130 | ng/ul | 100 |
| 42) | 2,4,5-Trichlorophenol | 13.095 | 196 | 200280 | 18.602 | ng/ul | 100 |
| 43) | 1,1'-Biphenyl | 13.430 | 154 | 664945 | 18.655 | ng/ul | 100 |
| 44) | 2-Chloronaphthalene | 13.471 | 162 | 522433 | 18.648 | ng/ul | 100 |
| 45) | 2-Nitroaniline | 13.665 | 65 | 110556 | 17.149 | ng/ul | 100 |
| 47) | Dimethylphthalate | 14.048 | 163 | 647710 | 18.433 | ng/ul | 100 |
| 48) | 2,6-Dinitrotoluene | 14.160 | 165 | 130757 | 18.722 | ng/ul | 100 |
| 50) | Acenaphthylene | 14.318 | 152 | 819922 | 18.719 | ng/ul | 100 |
| 51) | 3-Nitroaniline | 14.489 | 138 | 113089 | 17.704 | ng/ul | 100 |
| 52) | Acenaphthene | 14.660 | 153 | 534722 | 18.438 | ng/ul | 100 |
| 53) | 2,4-Dinitrophenol | 14.689 | 184 | 91354 | 20.673 | ng/ul | 100 |
| 55) | 4-Nitrophenol | 14.789 | 109 | 84933 | 15.150 | ng/ul | 100 |
| 56) | Dibenzofuran | 14.989 | 168 | 780564 | 18.274 | ng/ul | 100 |
| 57) | 2,4-Dinitrotoluene | 14.948 | 165 | 182409 | 17.861 | ng/ul | 100 |
| 58) | 2,3,4,6-Tetrachlorophenol | 15.212 | 232 | 174725 | 18.723 | ng/ul | 100 |
| 59) | Diethylphthalate | 15.407 | 149 | 628473 | 18.221 | ng/ul | 100 |
| 61) | Fluorene | 15.636 | 166 | 639896 | 18.211 | ng/ul | 100 |
| 62) | 4-Chlorophenyl-phenyle... | 15.630 | 204 | 343850 | 18.176 | ng/ul | 100 |
| 63) | 4-Nitroaniline | 15.648 | 138 | 97248 | 16.457 | ng/ul | 100 |
| 66) | 4,6-Dinitro-2-methylph... | 15.707 | 198 | 109302 | 17.649 | ng/ul | 100 |
| 67) | N-Nitrosodiphenylamine | 15.842 | 169 | 534118 | 18.849 | ng/ul | 100 |
| 68) | 4-Bromophenyl-phenylether | 16.524 | 248 | 209735 | 20.186 | ng/ul | 100 |
| 69) | Hexachlorobenzene | 16.642 | 284 | 261552 | 19.349 | ng/ul | 100 |
| 70) | Atrazine | 16.789 | 200 | 210031 | 18.307 | ng/ul | 100 |
| 71) | Pentachlorophenol | 16.983 | 266 | 151597 | 17.672 | ng/ul | 100 |
| 72) | Phenanthrene | 17.377 | 178 | 994546 | 18.498 | ng/ul | 100 |
| 74) | Anthracene | 17.465 | 178 | 1000121 | 18.408 | ng/ul | 100 |
| 75) | 1,2,3,4-Tetrachloroben... | 13.401 | 216 | 316929 | 19.462 | ng/uL | 100 |
| 76) | Pentachlorobenzene | 14.912 | 250 | 302011 | 19.806 | ng/uL | 100 |
| 77) | Carbazole | 17.730 | 167 | 778504 | 16.069 | ng/ul | 100 |
| 78) | Di-n-butylphthalate | 18.300 | 149 | 1003190 | 18.997 | ng/ul | 100 |
| 80) | Fluoranthene | 19.383 | 202 | 1192183 | 18.429 | ng/ul | 100 |
| 82) | Pyrene | 19.747 | 202 | 1223090 | 18.278 | ng/ul | 100 |
| 83) | Butylbenzylphthalate | 20.641 | 149 | 426954 | 18.645 | ng/ul | 100 |
| 84) | 3,3'-Dichlorobenzidine | 21.418 | 252 | 387748 | 19.884 | ng/ul | 100 |
| 85) | Benzo(a)anthracene | 21.488 | 228 | 1161486 | 17.572 | ng/ul | 100 |
| 86) | Bis(2-ethylhexyl)phtha... | 21.418 | 149 | 646827 | 19.298 | ng/ul | 100 |
| 87) | Chrysene | 21.541 | 228 | 1221217 | 18.914 | ng/ul | 100 |
| 89) | Di-n-octyl phthalate | 22.347 | 149 | 1103596 | 16.530 | ng/ul | 100 |
| 90) | Benzo(b)fluoranthene | 23.183 | 252 | 1250895 | 16.818 | ng/ul | 100 |
| 91) | Benzo(k)fluoranthene | 23.235 | 252 | 1300275 | 18.603 | ng/ul | 100 |
| 93) | Benzo(a)pyrene | 23.818 | 252 | 1261267 | 18.060 | ng/ul | 100 |
| 94) | Indeno(1,2,3-cd)pyrene | 26.447 | 276 | 1408909 | 19.325 | ng/ul | 100 |
| 95) | Dibenzo(a,h)anthracene | 26.465 | 278 | 1198528 | 19.053 | ng/ul | 100 |
| 96) | Benzo(g,h,i)perylene | 27.223 | 276 | 1283643 | 21.069 | ng/ul | 100 |

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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